

Notice of Allowability

Application No.

10/589,120

Examiner

Timothy D. Collins

Applicant(s)

GARTELMANN ET AL.

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to amendment filed 2/16/10.
2. ☒ The allowed claim(s) is/are 1-9.
3. ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some* c) ☐ None of the:
- ☐ Certified copies of the priority documents have been received.
 - ☐ Certified copies of the priority documents have been received in Application No. _____.
 - ☒ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).
- * Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
- (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
- 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
- (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

- | | |
|--|--|
| 1. <input type="checkbox"/> Notice of References Cited (PTO-892) | 5. <input type="checkbox"/> Notice of Informal Patent Application |
| 2. <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 6. <input checked="" type="checkbox"/> Interview Summary (PTO-413),
Paper No./Mail Date <u>20100415</u> . |
| 3. <input type="checkbox"/> Information Disclosure Statements (PTO/SB/08),
Paper No./Mail Date _____ | 7. <input checked="" type="checkbox"/> Examiner's Amendment/Comment |
| 4. <input type="checkbox"/> Examiner's Comment Regarding Requirement for Deposit
of Biological Material | 8. <input type="checkbox"/> Examiner's Statement of Reasons for Allowance |
| | 9. <input type="checkbox"/> Other _____. |

EXAMINER'S AMENDMENT

1. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it **MUST** be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Dustin Friedland on 4/14/10.

The application has been amended as follows:

The claims filed on 2/16/10 were improperly formatted and the amendments below were agreed upon to fix the formatting problems.

1. (currently amended) A landing flap guide for aircraft, wherein a guide element is connected to a landing flap that is supported in a guide rail and that is adjustable between a take-off position and a landing position, wherein the guide element is realized as a slide that is adjustable in the form of a substantially straight landing flap carrier as a guide by means of at least one glide guide of the landing flap carrier;

wherein the glide guide comprises at least one glide element as well as an assigned recess, into which the glide element extends and in which it is guided in a gliding manner; and

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wherein a first and a second glide guide are provided that respectively comprise three glide pairs and are designed for at least absorbing forces that essentially act upon the landing flap carrier perpendicularly.

2. (canceled)

3. (canceled)

4. (currently amended) The landing flap guide of claim 1, wherein the air loads exerted by the landing flap are absorbable by a first and a second glide pair and mass forces are absorbable by a third glide pair.

5. (currently amended) The landing flap guide of claim 1, wherein at least one glide guide has glide surfaces that are made of at least one material of the following group: metals with coating, metals without coating, ceramics, synthetic materials with embedded ceramics or metals, fiber-reinforced synthetic materials, fiber-reinforced ceramics, and carbon layers applied onto a substrate in a plasma.

6. (new) A guide for a landing flap of an aircraft, comprising:

a guide element;

a guide rail; and

at least one glide guide, including:

a glide element connected to the guide element,

and

a recess element disposed within the guide rail;

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wherein the glide element extends into and is guided within the recess element in a gliding manner;

wherein the guide element is connected to the landing flap; and

wherein the guide rail supports the landing flap through the guide element.

7. (new) The landing flap guide of claim 6,

wherein the at least one glide guide is adapted to absorb forces that act substantially perpendicularly upon the guide rail.

8. (new) The landing flap guide of claim 6, wherein the at least one glide guide includes two glide guides adapted to absorb air loads and one glide guide adapted to absorb mass forces.

9. (new) The landing flap guide of claim 8, wherein the at least one glide guide includes at least one glide surface made of at least one material selected from the group consisting of metals with coating, metals without coating, ceramics, synthetic materials with embedded ceramics or metals, fiber-reinforced synthetic materials, fiber-reinforced ceramics, and carbon layers applied onto a substrate in a plasma.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Timothy D. Collins whose telephone number is 571-272-

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6886. The examiner can normally be reached on M-F, 7:00-3:00, with every other Fri. off.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Peter M. Poon can be reached on 571-272-6891. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/Timothy D. Collins/
Primary Examiner
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